

Scaled data based on original data using
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions
(formerly Eaton)

Brand: LUMARK

Report Number: P295376

Luminaire Tested: **TCRL15M(7030)**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P295376
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1902-140-6)
Test Lab: INNOVATION CENTER(G3)
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMARK
Catalog Number: TCRL15M(7030)
Description: TRACER LARGE, STANDARD TRIM NEMA 4x4
Light Source: (16) 3000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1575.5 lumens
Efficiency: N/A
Efficacy: 131.3 lumens/watt
Luminous Opening: Circular (Dia: 0.25' x H: 0')
IES Classification: Type V - Short - Full Cutoff
BUG Rating: B2 - U0 - G0

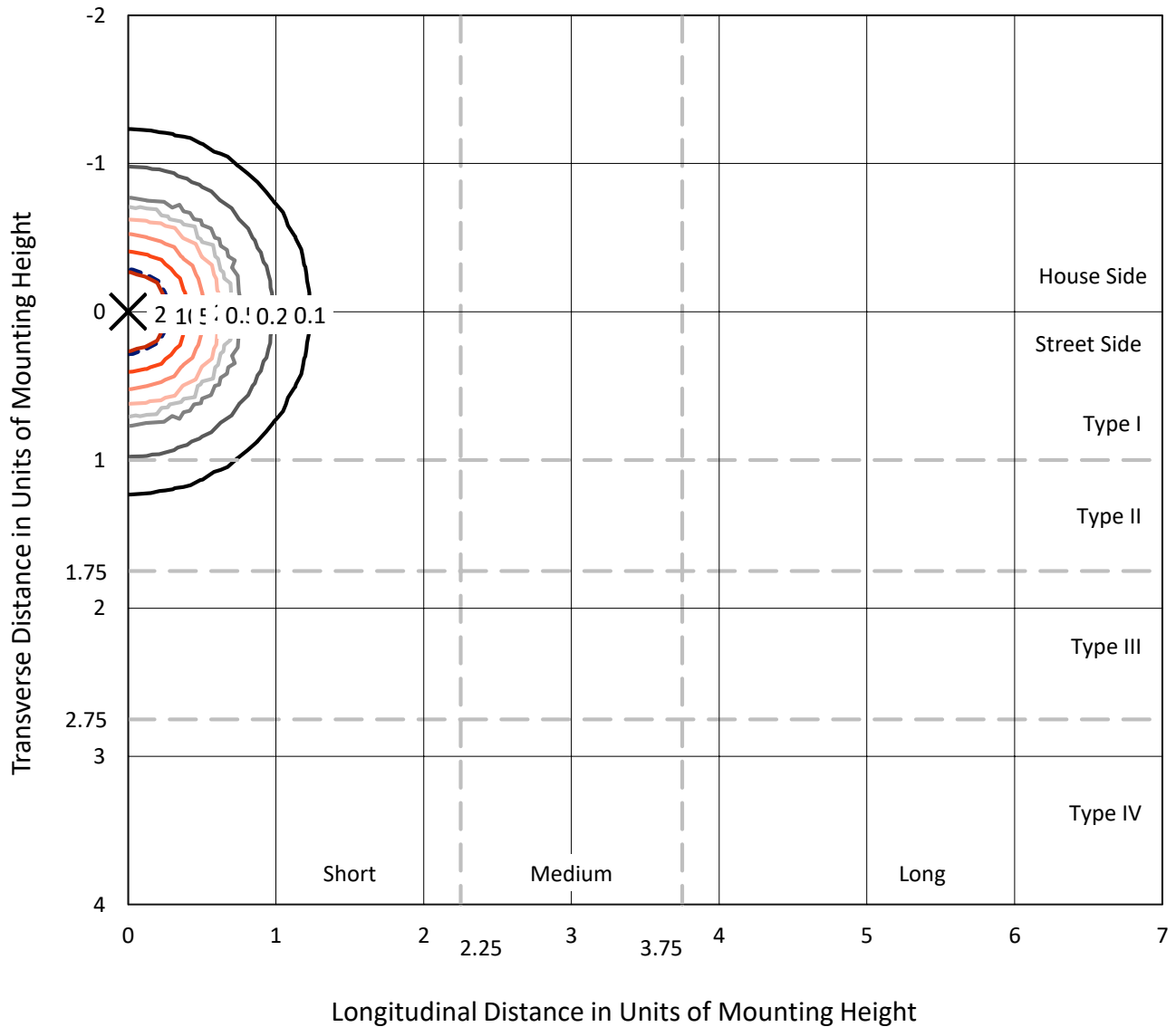
Input Watts (W): 12
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Iso-Footcandle Lines of Horizontal Illumination

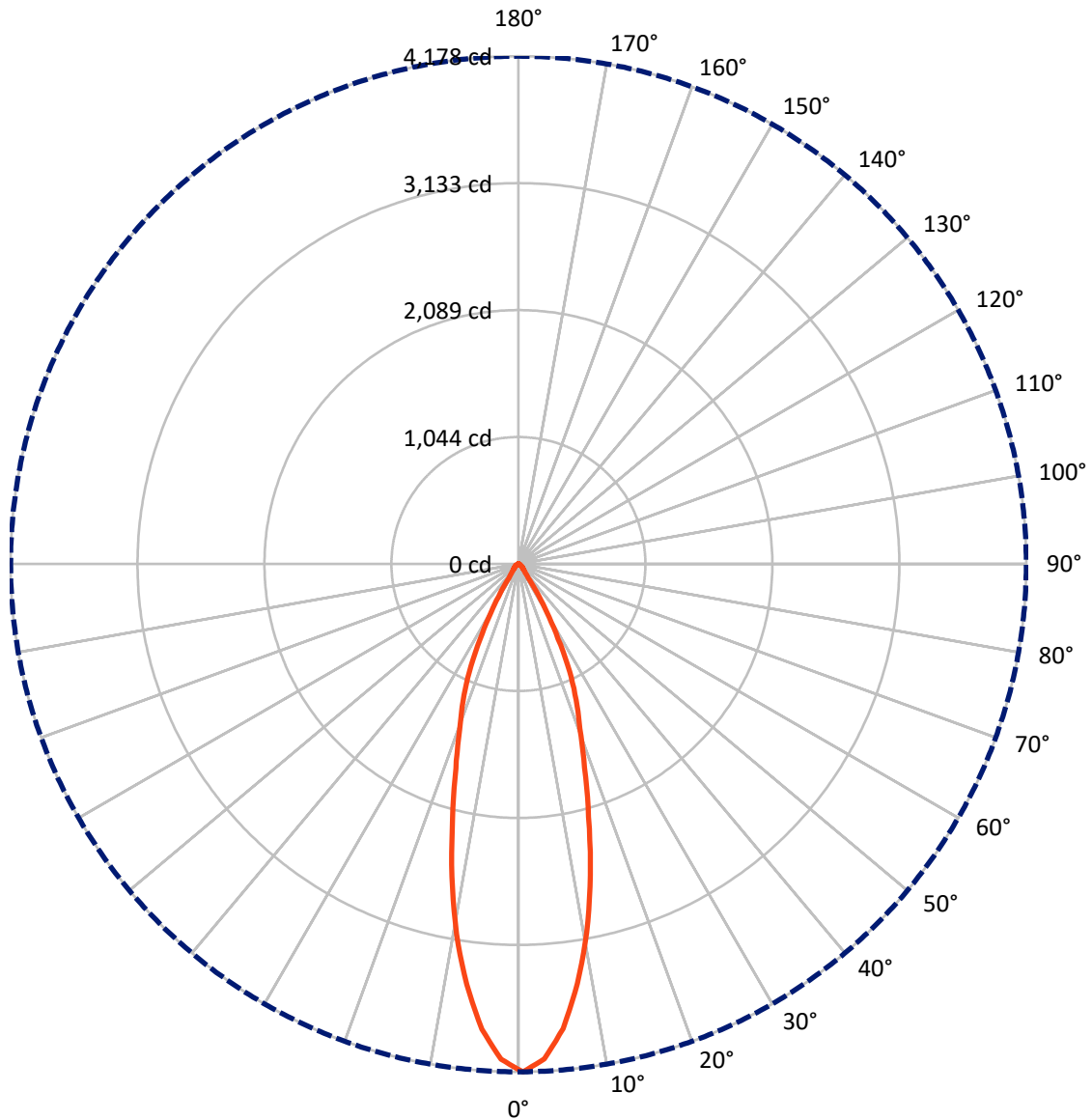
✕ Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 41.8 fc
 Type V - Short - Full Cutoff

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Luminous Intensity Polar Plot



— Vertical Plane Through 0-Deg Lateral - - - Horizontal Cone Through 0-Deg Vertical

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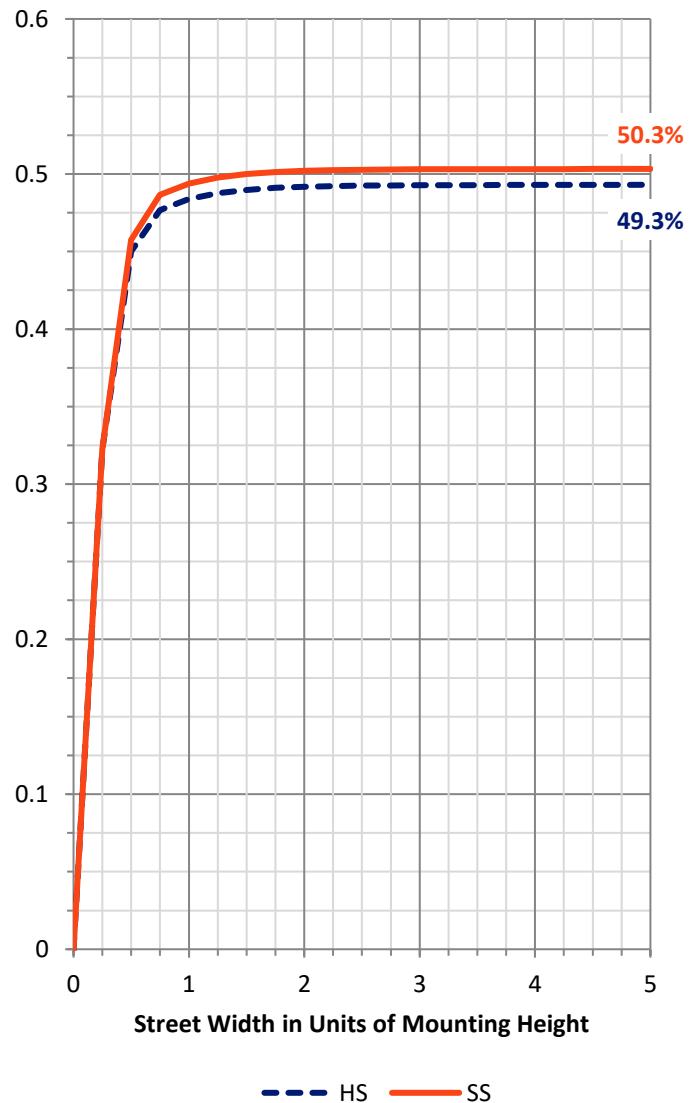
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	787.7	0.0	787.7
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	787.7	0.0	787.7
	% Fixture	50.0	0.0	50.0
Total	Lumens	1575.5	0.0	1575.5
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	341.9	21.7
10°-20°	600.3	38.1
20°-30°	430.7	27.3
30°-40°	117.2	7.4
40°-50°	41.1	2.6
50°-60°	27.1	1.7
60°-70°	13.8	0.9
70°-80°	2.8	0.2
80°-90°	0.6	0.0
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	1575.5	100.0
0°-180°	1575.5	100.0



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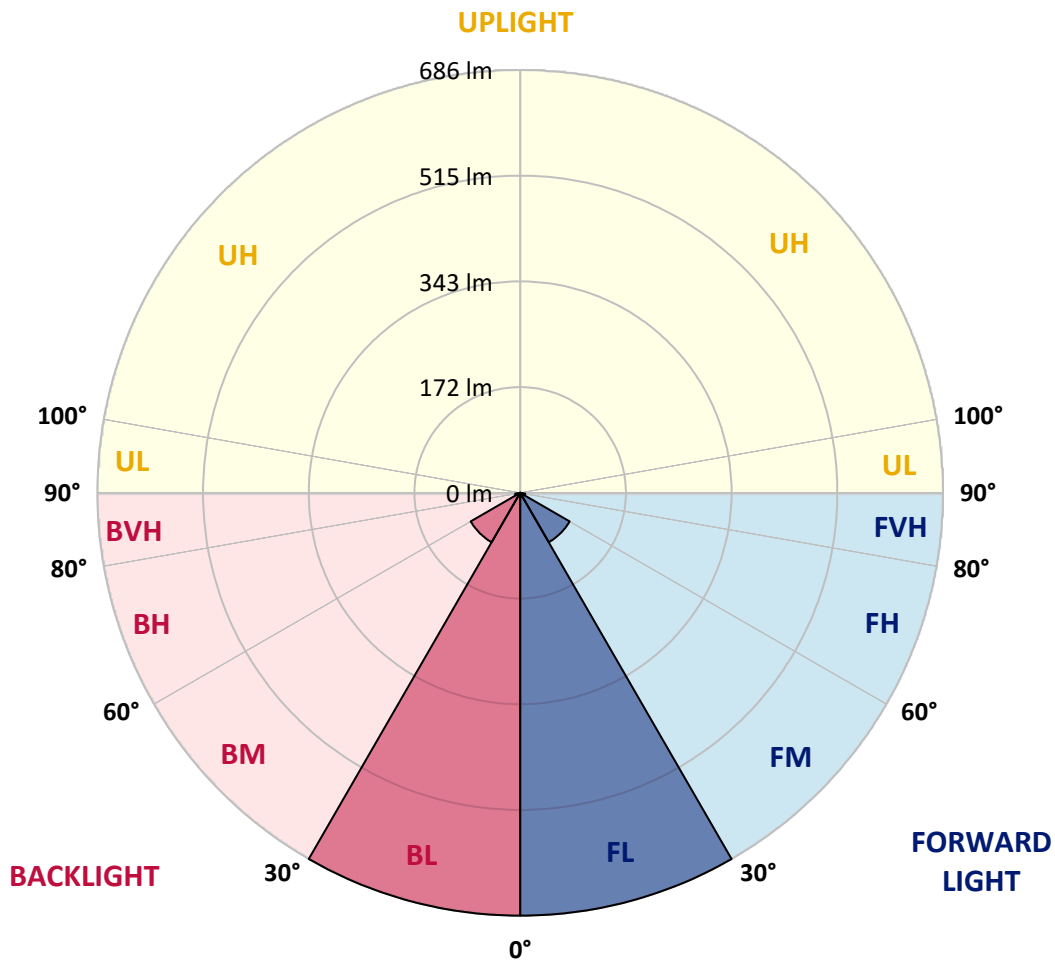
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	686.4	43.6			
FM	(30°-60°)	92.7	5.9			
FH	(60°-80°)	8.3	0.5			G0/660
FVH	(80°-90°)	0.3	0.0			G0/10
BL	(0°-30°)	686.4	43.6	B2/1000		
BM	(30°-60°)	92.7	5.9	B0/220		
BH	(60°-80°)	8.3	0.5	B0/110		G0/660
BVH	(80°-90°)	0.3	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G0

Type V Short



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CANDELA DISTRIBUTION (FULL):

	0°
0°	4177.5
2.5°	4076.1
5°	3838.3
7.5°	3483.4
10°	3085.6
12.5°	2628.8
15°	2160.0
17.5°	1759.3
20°	1444.4
22.5°	1215.3
25°	978.5
27.5°	694.6
30°	459.2
32.5°	278.2
35°	136.7
37.5°	95.3
40°	71.9
42.5°	61.0
45°	51.9
47.5°	43.4
50°	43.8
52.5°	35.3
55°	30.0
57.5°	22.4
60°	24.3
62.5°	20.5
65°	12.4
67.5°	6.2
70°	9.5
72.5°	2.4
75°	1.9
77.5°	0.0
80°	3.3
82.5°	0.0
85°	0.5
87.5°	0.0
90°	0.0

(END OF REPORT)